| 1.5                             |   |   |   | X.                       | .100  | PRE: PCT/PTO 1 2 APR 2002                  |  |  |  |  |  |  |  |
|---------------------------------|---|---|---|--------------------------|---|--|--|--|--|--|--|--|--|
| FORM P                          | TO-1390   | U.S. DEP  | ARTMENT   | ATTORNEY'S DOCKET NUMBER |   |  |  |  |  |  |  |  |  |
| REV. 2/0                        |   | SMITT   | AT. T.E'  | 08698.0001               |   |  |  |  |  |  |  |  |  |
|                                 |   | IGNAT   |   | U.S. APPLICATION NO.     |   |  |  |  |  |  |  |  |  |
|                                 |   | CERN  |   | (If known, see 37CFR1.5) |   |  |  |  |  |  |  |  |  |
|                                 | 00.   | , , ,   |   |                          |   | 10/019,775                                 |  |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO.   |   |   |   |                          | INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED                      |  |  |  |  |  |  |  |
| PCT/E                           | P00/0628  | 2   |   |                          | July 5, 2000  | July 6, 1999                               |  |  |  |  |  |  |  |
|                                 |   | VENTION OCCLUD  |   | OOD V                    | ESSELS  |  |  |  |  |  |  |  |  |
|                                 | ICANT(S<br>STERK  | S) FOR D  | O/EO/U  | S                        |   |  |  |  |  |  |  |  |  |
| Applic                          | ant(s) here   | ewith subn  | nits to the   | United S                 | tates Designated/Elected Office (DO/EO/US)  | the following items and other information: |  |  |  |  |  |  |  |
| 1.                              | This is a FIRST submission of items concerning a filing under 35 U.S.C 371. |   |   |                          |   |  |  |  |  |  |  |  |  |
| 2.                              | $\boxtimes$   | This is   | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |                          |   |  |  |  |  |  |  |  |  |
| 3.                              |   | This is items (   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |                          |   |  |  |  |  |  |  |  |  |
| 4.                              |   |   | The US has been elected by the expiration of 19 months from the priority date (Article 31).   |                          |   |  |  |  |  |  |  |  |  |
| 5.                              |   | А сору  | of the Int  |                          | al Application as filed (35 U.S.C. 371 (c)(2)).   |  |  |  |  |  |  |  |  |
|                                 |   | a.  |   |                          | sched hereto (required only if not communicate  |  |  |  |  |  |  |  |  |
|                                 |   | b.  |   |                          | een communicated by the International Bureau  |  |  |  |  |  |  |  |  |
|                                 | _   | c.  |   |                          |   |  |  |  |  |  |  |  |  |
| 6.                              | $\boxtimes$   | An Eng  |   |                          | slation of the International Application as filed   | 1 (35 U.S.C. 3/1 (c)(2)).                  |  |  |  |  |  |  |  |
|                                 |   | a.  | ⊠   |                          | iched hereto.   | (4)(4)                                     |  |  |  |  |  |  |  |
| _                               |   | b.  | . 🗆   |                          | een previously submitted under 35 U.S.C. 154  |  |  |  |  |  |  |  |  |
| 7.                              |   |   | _   |                          | is of the International Application under PCT at tached hereto (required only if not communication) |  |  |  |  |  |  |  |  |
|                                 |   | a.  |   |                          | been communicated by the International Burea  |  |  |  |  |  |  |  |  |
|                                 |   | b.  |   |                          | not been made; however, the time limit for ma   |  |  |  |  |  |  |  |  |
|                                 |   | c.<br>d.  |   |                          | not been made, however, the time think for manning not been made and will not be made.              | king such amendments has tvo i expired.    |  |  |  |  |  |  |  |
| ,                               |   |   | _   |                          | slation of the amendments to the claims under   | PCT Article 19 (35 U.S.C. 371 (c)(3)).     |  |  |  |  |  |  |  |
| 8.                              | ⋈   |   |   |                          |   | . 6.7                                      |  |  |  |  |  |  |  |
| 9.<br>10.                       |   | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).  An English language translation of the annexes of the International Preliminary Examination Report under PC7 |   |                          |   |  |  |  |  |  |  |  |  |
| 10.                             | J   | Article 36 (35 U.S.C. 371 (c)(5)).  |   |                          |   |  |  |  |  |  |  |  |  |
| Items                           | 11 to 20 t  | elow con  | cern docu   | ment(s)                  | or information included:  |  |  |  |  |  |  |  |  |
| 11.                             |   | Inform  | ation Disc  | closure S                | tatement under 37 CFR 1.97 and 1.98   |  |  |  |  |  |  |  |  |
| 12.                             |   | An ass  | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |                          |   |  |  |  |  |  |  |  |  |
| 13.                             |   | A FIR   | ST prelim   | inary am                 | endment.  |  |  |  |  |  |  |  |  |
| 14.                             |   | A SEC   | A SECOND or SUBSEQUENT preliminary amendment.   |                          |   |  |  |  |  |  |  |  |  |
| 15.                             |   |   | A Substitute specification.   |                          |   |  |  |  |  |  |  |  |  |
| 16.                             |   |   | A change of power of attorney and/or address letter.  |                          |   |  |  |  |  |  |  |  |  |
| 17.                             |   |   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.   |                          |   |  |  |  |  |  |  |  |  |
| 18.                             |   |   | A second copy of the published international application under 35 U.S.C. 154 (d)(4).  |                          |   |  |  |  |  |  |  |  |  |
| 19.                             |   |   |   |                          | glish language translation of the international a   | application 35 U.S.C. 154 (d)(4).          |  |  |  |  |  |  |  |
| 20. Other items or information: |   |   |   |                          |   |  |  |  |  |  |  |  |  |
| 1                               |   | a.  |   |                          | of cover page of International Publication No   | . WU 01/02029                              |  |  |  |  |  |  |  |
|                                 |   | b.  | ⊠<br>⊠  |                          | of Notification of Missing Requirements   |  |  |  |  |  |  |  |  |
| 1                               |   | C.  | $\boxtimes$   | Veri                     | fication by Translator (1 sheet)  |  |  |  |  |  |  |  |  |

| - 1                  | U.S. APPLICATION NO   | . (If known,              | see 37CFR 1.5)                                    | INTERNATIONAL APP                             | NUMBER                  |             |          |             |
|----------------------|---|---------------------------|---|---|-------------------------|-------------|----------|-------------|
|                      | 10/019,775  |                           |   | PCT/EP00/06282                                | 08698.0001              |             |          |             |
|                      | 21.  The follow   |                           | CALCULATIONS PTO USE ONLY                         |   |                         |             |          |             |
| Ì                    | BASIC NATIONA   |                           |   |   |                         |             |          |             |
|                      | Neither international nor international se and International Se |                           |   |   |                         |             |          |             |
|                      | International prelim<br>USPTO but Interna                       |                           |   |   |                         |             |          |             |
|                      | International prelim<br>USPTO but Interna                       |                           |   |   |                         |             |          |             |
| -                    | International prelin<br>but all claims did n                    |                           |   |   |                         |             |          |             |
| ٠,                   | International prelin<br>USPTOand all claim                      |                           | <del>,</del>                                      |   |                         |             |          |             |
|                      | ENTER APPROPRIATE BASIC FEE AMOUNT =                            |                           |   |   |                         |             |          |             |
|                      | Surcharge of \$130. months from the ea                          | 00 for fur<br>rliest clai | nishing the oath o<br>med priority date           | or declaration later than (37 CFR 1.492 (e)). | □ 20                    | ⊠ 30        | \$130.00 |             |
|                      | CLAIMS NUMBER FILE  |                           |   | NUMBER EXTRA                                  | RAT                     |             |          | _           |
|                      | Total Claims  | 4                         | - 20 =  |   | x \$18.                 |             | \$       |             |
|                      | Independent Claims  | 1                         | -3 =  |   | x \$84.                 |             | \$       |             |
|                      | MULTIPLE DEPENI   | DENT CLA                  | AIM(S) (if applicabl                              |   | +\$280<br>HE ABOVE CALC | <del></del> | \$       | <del></del> |
|                      |   |                           | <del>, , , , , , , , , , , , , , , , , , , </del> |   |                         |             |          |             |
|                      | Applicant claim   | \$ 65.00                  |   |   |                         |             |          |             |
|                      | SUBTOTAL =  |                           |   |   |                         |             |          |             |
|                      | Processing fee of \$ months from the ea                         | \$130.00                  |   |   |                         |             |          |             |
|                      |   | 195.00                    |   |   |                         |             |          |             |
|                      | Fee for recording to  | \$                        |   |   |                         |             |          |             |
| & /17 /20/           | 2 UEDUVIJE 000001   | \$195.00                  |   |   |                         |             |          |             |
| 1 FC:254<br>2 FC:156 |   | Amount to be refunded:    | \$  |   |                         |             |          |             |
| C 101100             |   | charged:                  | \$  |   |                         |             |          |             |
|                      | a. A chec   | fees is enclosed          |   | ra faac                                       |                         |             |          |             |
|                      | b. Please A dupl  | or credit any over        |   |   |                         |             |          |             |
|                      | Deposi  | osed.                     | or credit any ove                                 |   |                         |             |          |             |
|                      | d.  Fees an inform  | mation and auth           | oublic. Credit ca<br>orization on PTC             | -2038.  |                         |             |          |             |
|                      | NOTE: Where an a  | ive (37 CFR 1.13          | 7 (a) or (b))                                     |   |                         |             |          |             |
|                      | SEND ALL COR  |                           |   |   |                         |             |          |             |
|                      | Finnegan, Hende<br>1300 I Street, N.                            | Sept.                     |   |   |                         |             |          |             |
|                      | Washington, D.C. 20005-3315 Ernest F. Chapman/25,961            |                           |   |   |                         |             |          |             |
|                      | NAME/REGISTRATION NO.   |                           |   |   |                         |             |          |             |